United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERC United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

05/02/2007

Robert N. Carpenter 210 Birchwood Ave. Deerfield, IL 60015 DONELS, JEFFREY

DONELS, JEITRET

PAPER NUMBER

2837

ART UNIT

DATE MAILED: 05/02/2007

1	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/634,455	08/04/2003	David J. Carpenter	101/06	6718

TITLE OF INVENTION: ELECTRONIC TUNING SYSTEM AND METHODS OF USING SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	08/02/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further ndicated unless correcte naintenance fee notificate	ed below or directed oth	ng the Patent, advance or nerwise in Block 1, by (a	ders and notification of m) specifying a new corresp	naintenance fees will pondence address; and	be mailed to the current lor (b) indicating a sep	arate "FEE ADDRESS" for
		ock 1 for any change of address)	pape	rs. Each additional pa	ling can only be used for tificate cannot be used per, such as an assignmental mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must
	7590 05/02	/2007	navo		ate of Mailing or Trans	smission
Robert N. Carp			I her	reby certify that this F	ee(s) Transmittal is bein sufficient postage for fir	g deposited with the United
210 Birchwood A Deerfield, IL 600			addre trans	essed to the Mail St mitted to the USPTO	op ISSUE FEE address (571) 273-2885, on the	g deposited with the United st class mail in an envelope above, or being facsimile date indicated below.
Deemeid, IL ook)1 <i>3</i>		(Tuns		(0,1) 2,0.200, on the	(Depositor's name)
				······································		(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	AT	TORNEY DOCKET NO.	CONFIRMATION NO.
10/634,455	08/04/2003		David J. Carpenter		101/06	6718
•		NG SYSTEM AND METI	HODS OF USING SAME			
	. •				· · ·	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FE	E TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	08/02/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS			
DONELS,	JEFFREY	2837	084-454000			
I. Change of corresponde CFR 1.363).	ence address or indicatio	n of "Fee Address" (37	2. For printing on the pa		tomevs 1	
☐ Change of corresp	ondence address (or Cha	inge of Correspondence	(1) the names of up to or agents OR, alternative	ely,	•	
Address form PTO/SI	ication (or "Fee Address	" Indication form	(2) the name of a single registered attorney or a	gent) and the names of	of up to	
PTO/SB/47; Rev 03-0 Number is required.)2 or more recent) attach	ned. Use of a Customer	2 registered patent attor listed, no name will be	meys or agents. If no	name is 3	
			THE PATENT (print or typ			
PLEASE NOTE: Uni	less an assignee is ident h in 37 CFR 3.11. Com	tified below, no assignee pletion of this form is NO	data will appear on the pa T a substitute for filing an	atent. If an assignee i assignment.	s identified below, the	document has been filed for
(A) NAME OF ASSI			(B) RESIDENCE: (CITY			
			.:	Individual Com	ention or other private a	roup entity Government
Please check the appropr	rate assignee category of	r categories (will not be pr	rinted on the patent):	individual — Corpo	oration of other private gr	toup entity - Government
4a. The following fee(s)	are submitted:	41	b. Payment of Fee(s): (Plea	se first reapply any p	reviously paid issue fee	e shown above)
☐ Issue Fee	No small entity discount	nermitted)	A check is enclosed. Payment by credit care	d. Form PTO-2038 is	attached.	
Advance Order -			The Director is hereby overpayment, to Depo	authorized to charge	the required fee(s), any d	leficiency, or credit any an extra copy of this form).
5 Cl E-Alas Sac	A (Grand status in disease	od ahova)	overpayment, to Depo	sit Account Number _	(enclose	an extra copy of this form).
 Change in Entity Sta a. Applicant claim 	itus (from status indicate as SMALL ENTITY stat		b. Applicant is no long	ger claiming SMALL	ENTITY status. See 37 (CFR 1.27(g)(2).
			ed from anyone other than to Office.	he applicant; a registe	red attorney or agent; or	the assignee or other party in
Authorized Signature				Date		
•						
an application. Confider submitting the complete this form and/or suggest Box 1450, Alexandria, VAlexandria, Virginia 223	ntiality is governed by 35 d application form to the ions for reducing this but irginia 22313-1450. Do	5 U.S.C. 122 and 37 CFR e USPTO. Time will vary orden, should be sent to the NOT SEND FEES OR	1.14. This collection is est y depending upon the individue Chief Information Office COMPLETED FORMS TO	timated to take 12 mir vidual case. Any commer, U.S. Patent and Tra O THIS ADDRESS. S	utes to complete, including the nest on the amount of the demark Office, U.S. De END TO: Commissione	nd by the USPTO to process) ing gathering, preparing, and time you require to complete partment of Commerce, P.O. r for Patents, P.O. Box 1450,
Under the Paperwork Re	eduction Act of 1995, no	persons are required to re	espond to a collection of inf	formation unless it disp	olays a valid OMB contro	ol number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FII	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/634,455	0	8/04/2003	David J. Carpenter	101/06	6718	
7590 05/02/2007		05/02/2007		EXAMINER		
Robert N. Carpenter				DONELS, JEFFREY		
210 Birchwood Ave. Deerfield, IL 60015		. ART UNIT		PAPER NUMBER		
				2837 DATE MAILED: 05/02/2007		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 750 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 750 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.